27 per cent. The incidence of revenue varies from about 10 annas to Rs. 12 per acre, and represents an all-round rate of about 30 per cent. of the gross produce. Regular settlements have also been completed in other parts of the State, such as Gilgit, Jammu, and Baltistān. The total receipts from land revenue amounted to 38·9 lakhs in 1905–6.

Miscellaneous revenue.

The Excise department of the State is chiefly concerned with the manufacture and sale of liquor, including wine and brandy, at the Gupkar distillery. In 1900 the administration was examined by an officer lent by the British Government, and as a consequence private distilleries in the province of Jammu were entirely closed. The total receipts in 1900–1 were only Rs. 50,000, but by 1905–6 they had risen to Rs. 1,37,000.

Excise.

Stamps.

In 1905–6 the total revenue from stamps was 2·22 lakhs, of which 1·6 lakhs represented receipts from judicial stamps.

Customs and octroi.

A considerable income is derived from customs and octroi levied on the trade which passes into the State. The receipts amounted to 9·2 lakhs in 1905–6.

Cesses.

Cesses are levied, amounting to 12½ per cent. on the land revenue, for the following objects: payments to *lambardārs* (village headmen), 5 per cent.; *patwāris* and *zaildārs*, 4½ per cent.; education, ½ per cent.; and roads, 2½ per cent.

Municipalities.

There are two municipal committees in the State, one at Srīnagar, and the other at Jammu, presided over by the Chief Medical Officer, Kashmīr, and the governor of the Jammu province, respectively. The members are nominated by the Darbār as representatives of different communities. There is no separate municipal fund; the State provides the expenditure for municipal and sanitary purposes, while the receipts, such as octroi, are likewise credited to the general revenues. The expenditure in 1905–6 was Rs. 92,000, of which Rs. 6,400 was met from fees and taxes and the balance by a grant from the State. In other towns conservancy establishments are maintained, which are under the municipal committee of the province in which the town is situated. Great improvements have lately been made in the drainage system of Jammu town.

Public works.

The expenditure on public works in 1905–6 was 30·8 lakhs, and will always be heavy. The maintenance of long lines of communication between Kashmīr and India and between Kashmīr, Gilgit, and Ladākh, the cost of buildings in Srīnagar and Jammu, and the enormous losses which have to be repaired when great floods and earthquakes occur render a large annual outlay inevitable. The road from Kohāla to Bāramūla alone

end of 1941. A similar institution has been started at Jammu also. The Sericulture industry which is a Government monopoly and the carpet industry which has in recent years received subsidies provide employment for thousands of labourers. The increased industrial activities of the State have opened new avenues for industrial labour.

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The first Municipal Committees established in the State were purely official bodies, financed by Government and consisted of 24 nominated members in the case of Srinagar and 18 in the case of Jammu. The Governors of the respective Provinces functioned as *ex-officio* Presidents. In 1913, the constitution of the Municipal Committees was revised. The Srinagar Municipality was given 8 elected and 16 nominated members, and the Jammu Municipality 6 elected and 12 nominated members. One elected seat in each municipality was specially reserved for traders. In 1921 the right of election of a Vice-President from among the members of the Committee was granted.

The constitution of the Municipal Committees was further revised in 1927-28 and the elected element raised to one-half. In 1936, the franchise qualifications were lowered and brought in line with those prescribed for the Praja Sabha election. The elected element was substantially increased to provide a clear majority. The Municipal Act recently passed provides that unless the Government otherwise direct, the appointed members should not exceed one-fourth of the whole Committee. This Act has also enlarged the scope and powers of the Committees in many respects. A new procedure has been laid down for constituting municipalities and altering units or excluding areas from municipalities, and provision has been made for giving opportunities to the inhabitants of those areas that are proposed to be included in or excluded from the municipal limits to submit their objections within a specified time limit.

To guard against overcrowding in the cities of Jammu and Srinagar, several areas have been notified under the Town Planning Act and schemes for their development are under consideration. The Town

491 all the districts and important towns, except those in the frontier, with one another. Two bridges, one over
[73] the Chenab at Akhnoor and the other over the Tawi at Jammu, have been built at a cost of about Rs. 8 lakhs. The bridge at Akhnoor is believed to have the largest unsupported span (450 ft.) in India. The bridges over the Jhelum between Muzaffarabad and Domel and those over the Kishanganga between Muzaffarabad and Garhi Habibullah, which had been washed away during the flood of 1929 were replaced at a considerable cost. Following this flood, an elaborate scheme estimated to cost about Rs. 20 lakhs was sanctioned for the prevention of floods in future. The bunds of the river Jhelum have been raised at several places, and it is gratifying to note that there has been no major flood in Kashmir during the last 12 years. The moderately heavy flood of September 1941 passed on with no damage to the city. The Ujh River in Jammu Province is, as an experimental measure, being spanned by a reinforced concrete submersible bridge, the foundations of which are so designed as to safeguard against scour in heavy floods. If the experiment succeeds, similar bridges will be constructed on the large sandy streams.

• 655 Telegraph, telephone and wireless services have also been developed in recent years, and all important places have been linked up. There are two wireless Radio Stations, one at Jammu Cantonment and the other at Naushera. Proposals for establishment of aeronautical services between British India and the State are under
3/3 consideration. For irrigation purposes, the P. W. D.
657 maintains 10 canals, five in Jammu Province and five in Kashmir Province. Of the latter, one was completed about 13 years ago, while two have been completed recently.

Water supply in the cities of Srinagar and Jammu has been considerably improved and old pipes have been replaced at several places by new ones. In the remote parts of Jammu Province where there is scarcity of water, efforts have been made to supply drinking water by means of tanks, wells and pipes. Where spring water and other natural sources of supply are available, satisfactory arrangements for drinking water have been made. As has been shown elsewhere in this note, great efforts are being made by the Rural Development Depart-

ment for supply of drinking water to the *kandi illaqa* of Jammu Province, and a special allotment is made in the budget for the purpose every year. Tube wells have been constructed at several places, and water supply schemes for a number of localities are under consideration. 657 312

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Reference has already been made to one of the chief industries in the State, *viz.*, the Sericulture industry, which is a Government concern. The silk filature in Srinagar is the largest of its kind in the world. A special quality of raw silk has been produced in Kashmir, which can favourably compete with silk produced anywhere else. It is interesting to note that the rearing of cocoons for silk provides employment for thousands of homes in the villages, exclusive of the labour that finds employment in the factories themselves. Owing to the rise in the price of silk, sericulture has already made a good contribution to the revenue of the State. A scheme for a large expansion of the industry has been taken in hand. A five-year plan for the expansion of the factory at Jammu has already been sanctioned, and it is expected that at the end of five years, the labour employed in the sericulture operations in the factory premises and in cocoon rearing in the province as a whole will show an increase of 150 per cent. High class carpets are manufactured in Kashmir and exported to Europe and America. Owing to the war, however, this industry has suffered a set-back recently. The industry, as stated before, continues to receive a subsidy from the Government. 655 288

A Department of Industries was established in 1923 to develop and foster industries in the State. The chief among the older industries which have become established are a Match Factory, a Santonine Factory, a Tannery, a Pottery Factory and the Shri Karan Singh Woollen Mills. A Government Silk Weaving Factory has been established to produce high class silk fabrics of different kinds. It has recently been developed and expanded to four times its original size to give a further fillip to the silk weaving industry in the State. A Research and Commercial Sheep Breeding Farm with a research and commercial section has been established to develop the sheep breeding 647 655 288 232 654

232 and wool growing industry in the State. For purposes
654 of research work, the Government have granted subsidy to the Farm.

● 255 Forests which cover about one-eighth of the total area
313 of the State, and Forest industries provide a large field of employment for skilled and unskilled workers, besides yielding a large revenue to the Government. In recent years, the Forest Department has shown particularly good results. The net revenue of the Department for 1942-43 was Rs. 63.46 lakhs, which gives it precedence over other parts of India. The demand for timber grown in the State has increased considerably and owing to war conditions it has brought good prices. Cultivation of pyrethrum has made good progress. The Rosin and Turpentine Factory at Miransahib has done particularly well. The factory has led to the establishment of a number of minor private-owned industries and contributed to the development of Miransahib into what promises to be a new industrial town. The Half-wrought Factory at Baramulla received orders exceeding Rs. 10 lakhs for 1942-43.
284 The feasibility of establishing a newsprint paper industry in the State was investigated by Tata Sons Ltd. with whom the Government have entered into an agreement for a comprehensive investigation of industrial possibilities in the State. But owing to the impracticability of importing heavy machinery in the
742 present conditions, the proposition has to wait. A Drug Research Laboratory has been established under the expert guidance of Sir Ram Nath Chopra, its Director, and it is expected that within a few months it will be in a position to meet a part of the requirements of medical
322 institutions in the State. Another noteworthy industry is Kashmir Willows, which besides manufacturing cricket bats has taken in hand the production of other wooden articles of great utility.

471 The establishment of a sugar mill at Miransahib near Jammu, is in hand and the manufacturing operations are expected to start early. The Shri Karan Singh Woollen Mills and the Indianite Factory which are not State-owned, but in which the Government have a substantial interest, have been kept busy executing orders received from outside the State. Well established cottage industries producing woollen fabrics, like *patloos*, tweeds, blankets, shawls, *namdas*, *gabbas*, papier-mache and

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Other Occupations

Supplementary to agriculture proper are sericulture and pastoralism. By 1900 the former activity was decrepit as well as ancient, but the introduction of modern filatures has led to a wide extension of mulberry culture, though not enough cocoons are produced to keep the filatures at Srinagar and Jammu and the weaving factory at Srinagar working to capacity. There is also, of course, a good deal of hand-loom weaving of silk, cotton, and wool; silk is a major export.

The main pastoral activity is sheep-rearing; this is transhumant, the sheep live in winter beneath the human dwellings—adding to their warmth—and in summer are taken by professional shepherds to the high pastures above the tree-line; this is the *marg* common in place-names and strictly equivalent to the Swiss *alp*. Winter feed is willow and dried flag (Iris) leaves. After agriculture, wool production is probably the chief means of livelihood in Kashmir, employing full- or part-time some 300,000 people. The famous Cashmere shawl industry died a languishing death in the 1870s, but there is naturally a large cottage production of woollen clothing, blankets, and rugs; felting is important also, and Srinagar has a large woollens factory. Mineral exploitation is insignificant, though a start has been made on the commercial exploitation of lignite from some of the karewas, which has been used locally by the villagers for years. A minor industry of interest is the manufacture of cricket bats and so on from the willows. But perhaps the most lucrative of all trades—in normal times—is the exploitation of tourists.

Srinagar

For this, of course, the capital Srinagar (207,787) is the centre: "quaint" in itself, with its carved wooden architecture, immediately surrounded by the beautiful Mogul gardens and magnificent lake and river scenery, central for hunting and mountaineering, it is—on the surface—one of the most attractive cities in all Asia. But it has always been liable to fire and to flood, at times to earthquake; its site obviously leaves much to be desired from a sanitary point of view.[17] Nor, if report be true, are its citizens any more virtuous, in any direction, than they need be.

The factories of Srinagar are largely due to state enterprise, and make it the only industrial centre of the slightest note in Kashmir. But craft industries are more important. Neglecting the obvious tourist lines—silver and copper work, wood-carving, papier-mâché and lacquer—the leading crafts are probably carpet-weaving and leather work: leather gear of various sorts is essential to transport in the mountains, and the products

[17] In the 1892 cholera epidemic 600 people died in one day "and the only shops which remained open were those of the sellers of white cloth for winding sheets." The total mortality was 3781 of a population around 120,000 (*Gazetteer*, 119).